

Date: Thursday, 22/01/2009 2:05:12 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : TOP PLATE
Job Number : 45079	
Estimate Number : 11211	
P.O. Number :	Part Number : D33309
This Issue : 22/01/2009 S.O. No. :	Drawing Number : D3330 REV D
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : SMALL /MED FAB	Drawing Revision : D
Previous Run : 44242	Material :
Written By :	Due Date : 05/02/2009 Qty: 10 Um: Each
Checked & Approved By : <u>JUD 09.01.22</u>	
Comment : Est: A 05.01.13 New issue KJ/JLM	
est B 07.05.14 rev C dwg EC	
est rev C 07.12.12 revD dwg EC verified by:DD	
est rev D 08.12.16 waterjet EC verified by: DD	

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description :

1.0

M1010B0375X03500

1010-1025 Steel Bar .375 x 3.500

**Comment:** Qty.: 0.2888 f(s)/Unit Total : 2.8875 f(s)

1010-1025 Steel Bar

Fabricate Top Plate as per Dwg D3330

Material: AISI 1010-1025 or ASTM A36/A366/A569/A570 0.375" x 3.500" Ba

(M1010-B0.375x03.500)

Identify as D3330-9

Batch: 106317 B 9-2-21

2.0

WATER JET

FLOW WATER JET

**Comment:** FLOW WATER JET

1-Cut as per Dwg D3330

Dwg Rev: D B 9-2-21Prog Rev: D2-Deburr if necessary B 9-2-21

12

3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE

**Comment:** INSPECT PARTS AS THEY COME OFF MACHINE

4.0

QC8

SECOND CHECK

**Comment:** SECOND CHECK

S 09/02/23 12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 22/01/2009 2:05:12 PM
User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: TOP PLATE

Job Number: 45079

Part Number: D33309

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

Carl

SS

09/02/23

(X)

6.0

QC21

FINAL INSPECTION/W/O RELEASE



09/02/24

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



mf
09-02-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

FIRST ARTICLE INSPECTION CHECKLIST

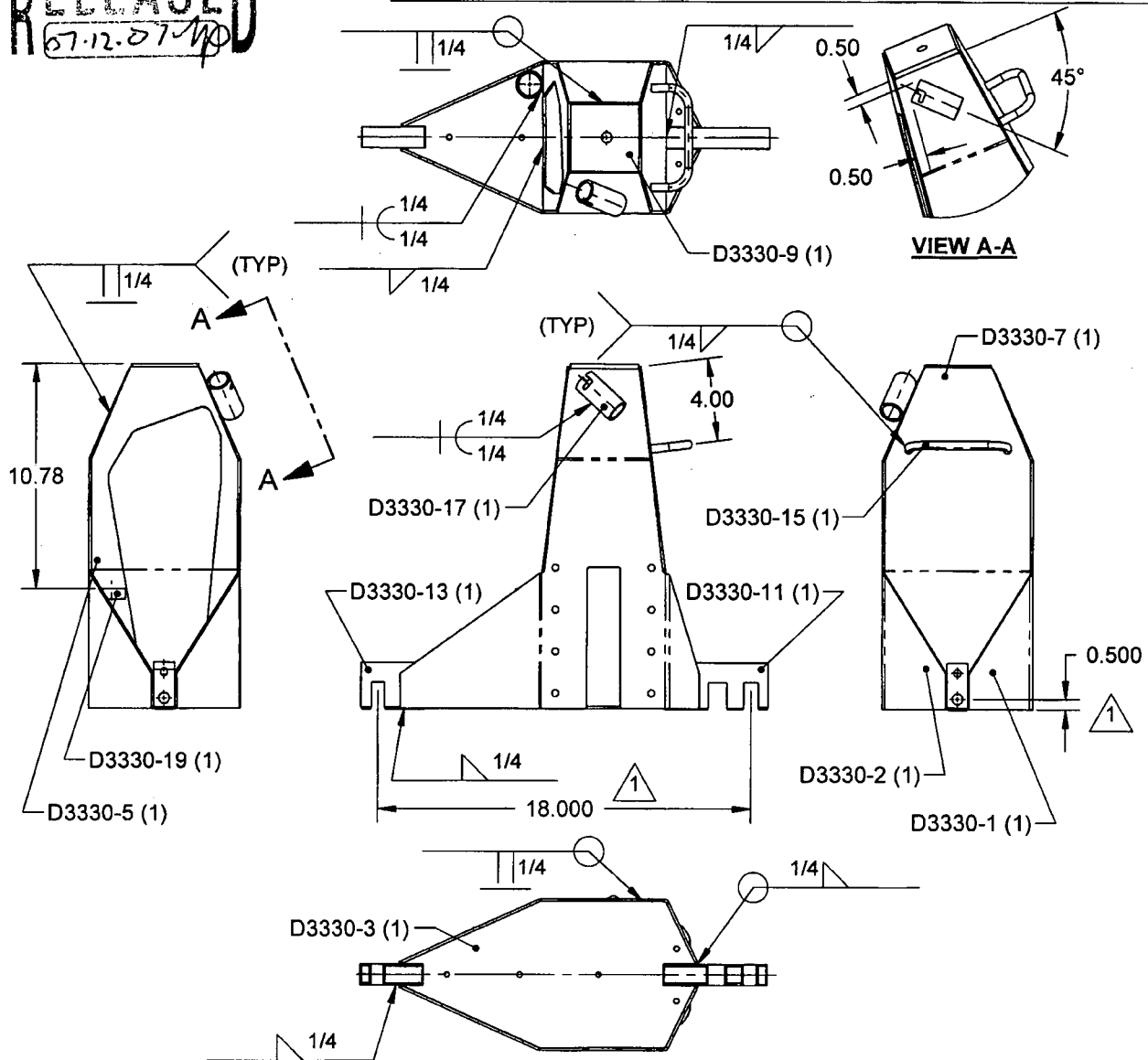
x | Prototype

Measured by: HB	Audited by: S	Prototype Approval: 1
Date: 9-2-21	Date: 09/02/23	Date: 9

4-1 FORMS 10/11/12 Assurance approved QALFA revD

DART**RELEASED**
07.12.07

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CHECKED <i>LS</i>	APPROVED <i>WFP</i>	DRAWING NO. D3330	REV. D SHEET 1 OF 9
DATE 07.12.06		TITLE FRAME WELDMENT	SCALE 1:8
REV	DATE	DESCRIPTION	
A	04.12.16	NEW ISSUE	
B	05.02.26	RE-DESIGN	
C	07.03.20	ADD 0.100 DIM; RAISED BEND OF -1/-2 BY 0.125	
D	07.12.06	CHANGE DIMS ON D3330-9	

**D3330-041 FRAME WELDMENT****NOTES:**

- 1) POSITION PARTS AS PER JIG D3330-041T1
- 2) WELD PER QSI 004
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005.4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

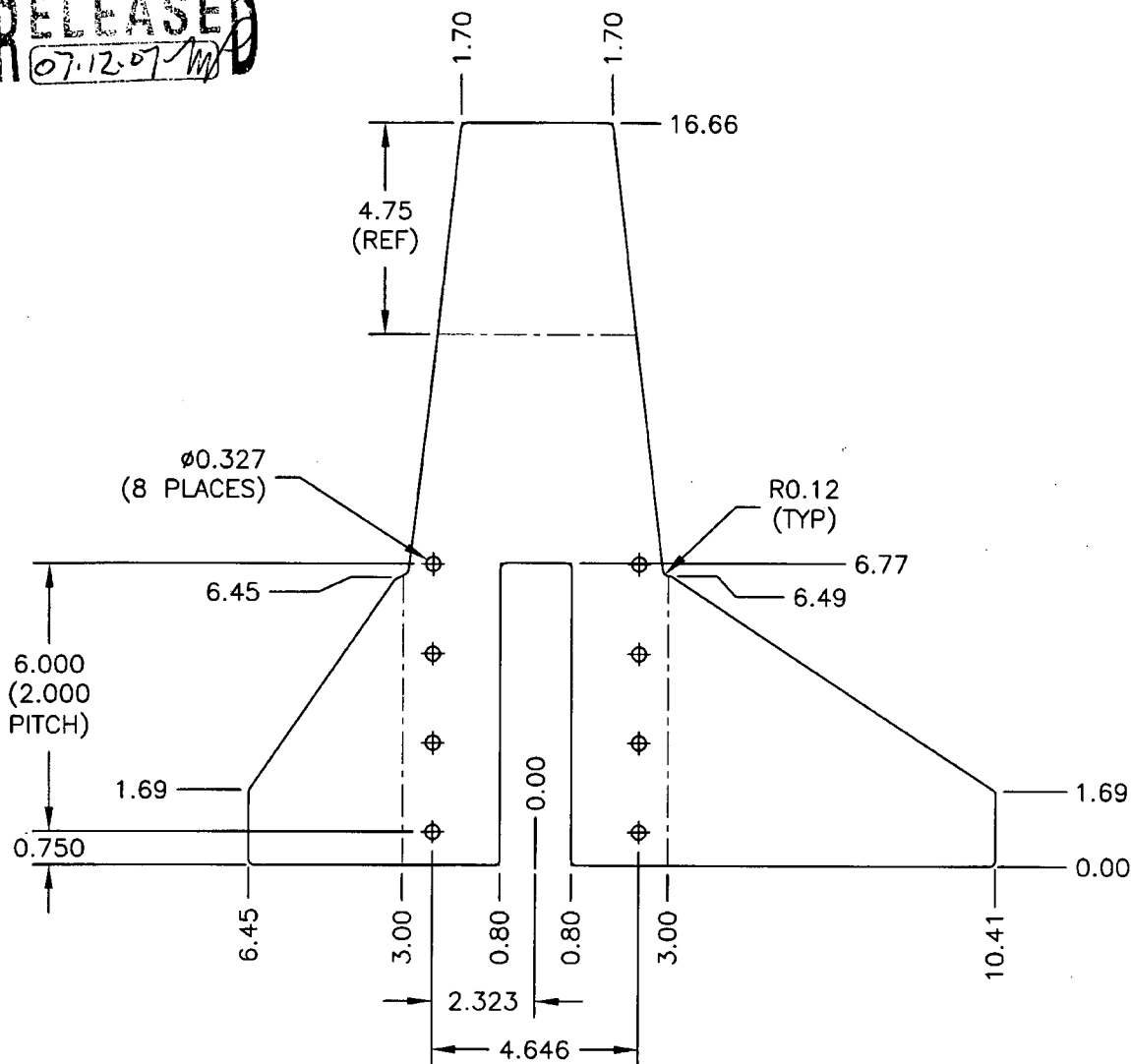
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



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DATE 07.12.06		TITLE FRAME WELDMENT	SCALE 1:4

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D3330-1 PANEL

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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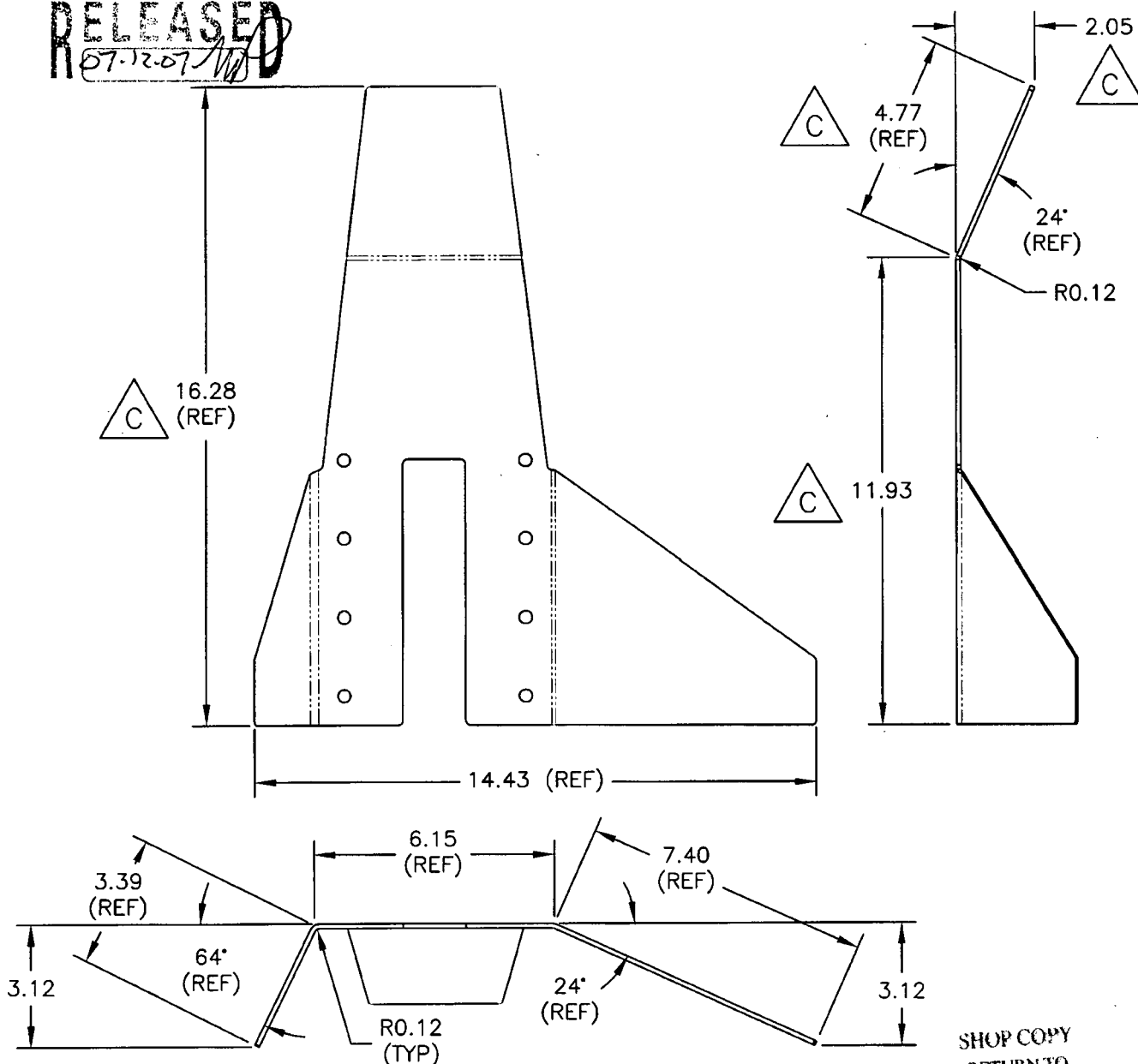
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DATE 07.12.06		TITLE FRAME WELDMENT	SCALE 1:4

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D3330-1 BEND DETAIL (SHOWN)
BEND D3330-2 (OPPOSITE)

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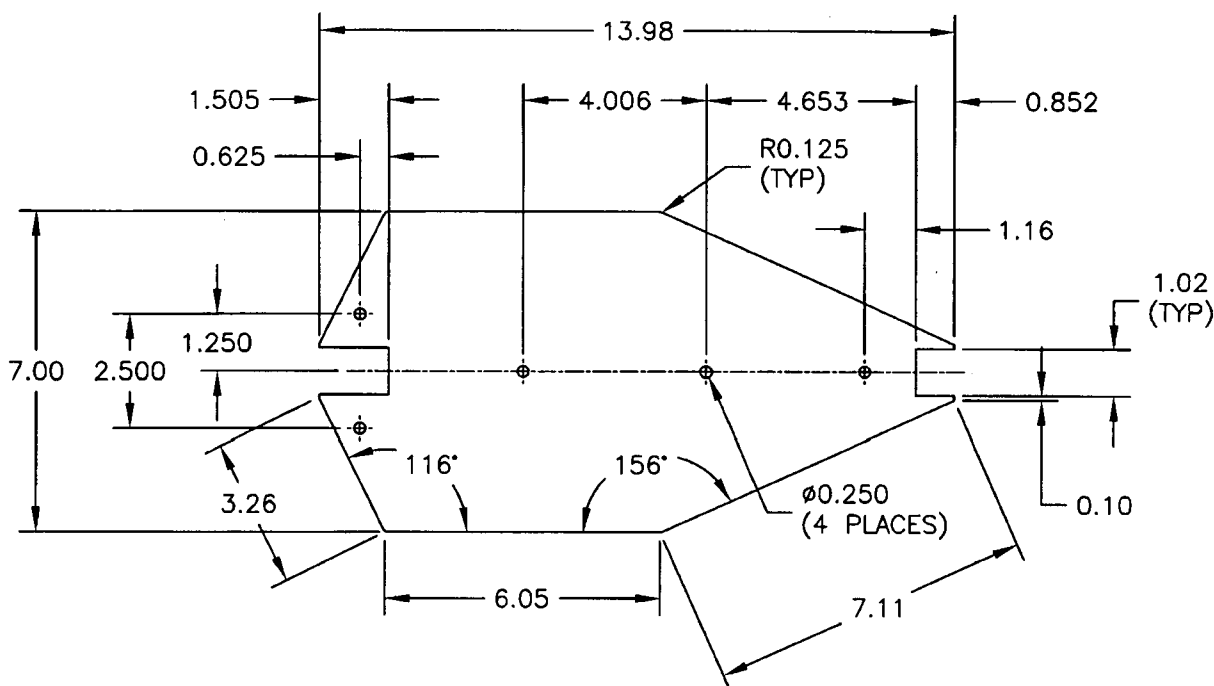
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DATE 07.12.06		TITLE FRAME WELDMENT	SCALE 1:4

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D3330-3 PLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40.32 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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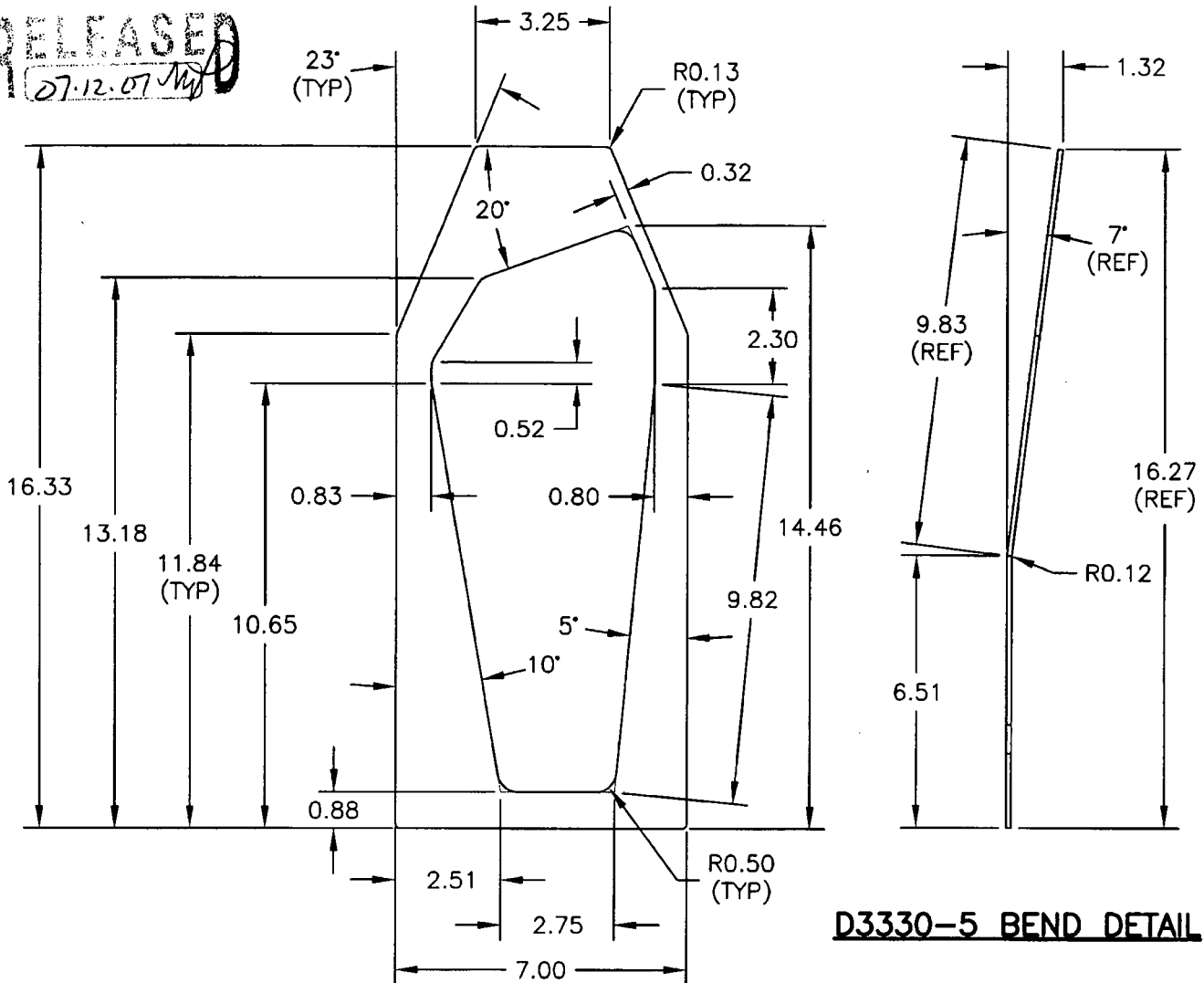
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**NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125" THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

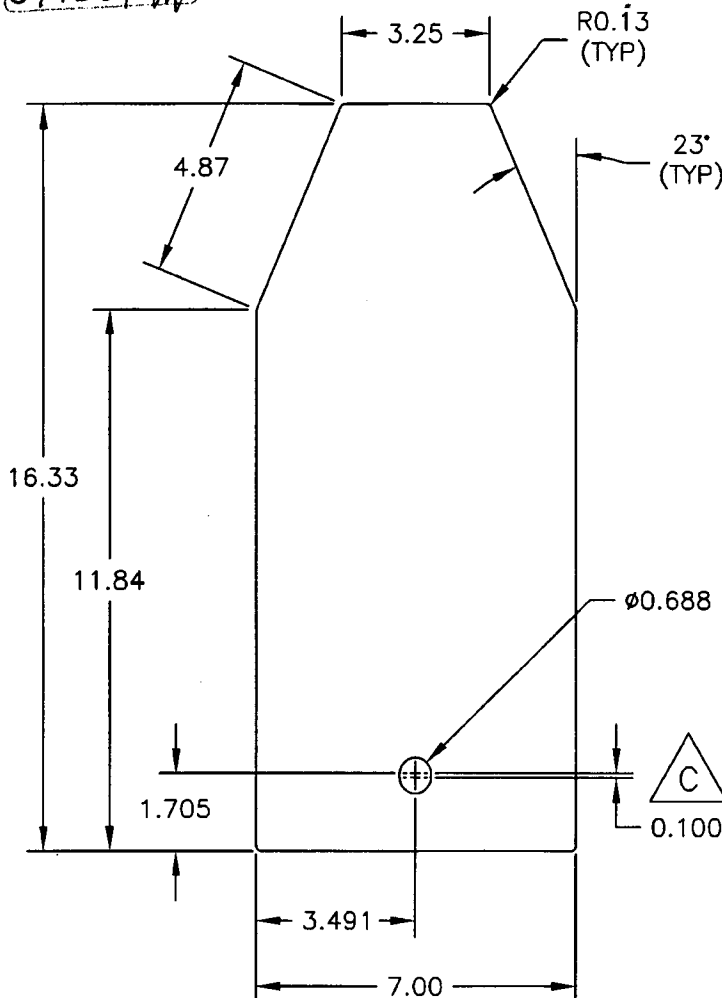
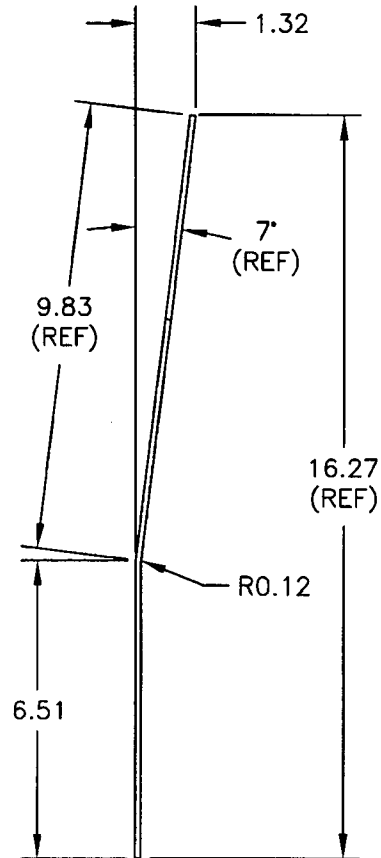
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DATE 07.12.06		TITLE FRAME ASSEMBLY	SCALE 1:4

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- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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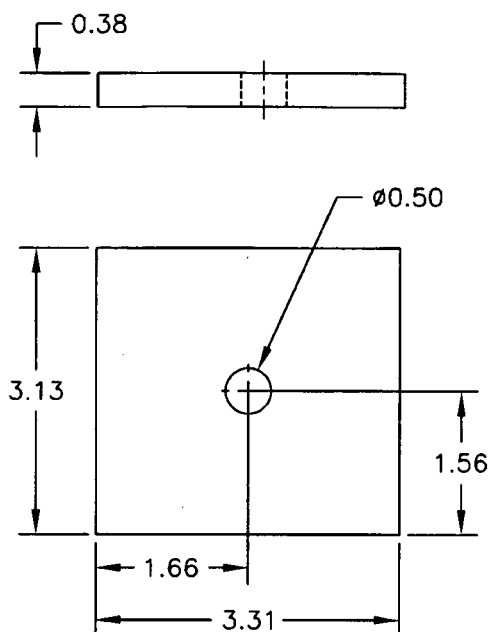
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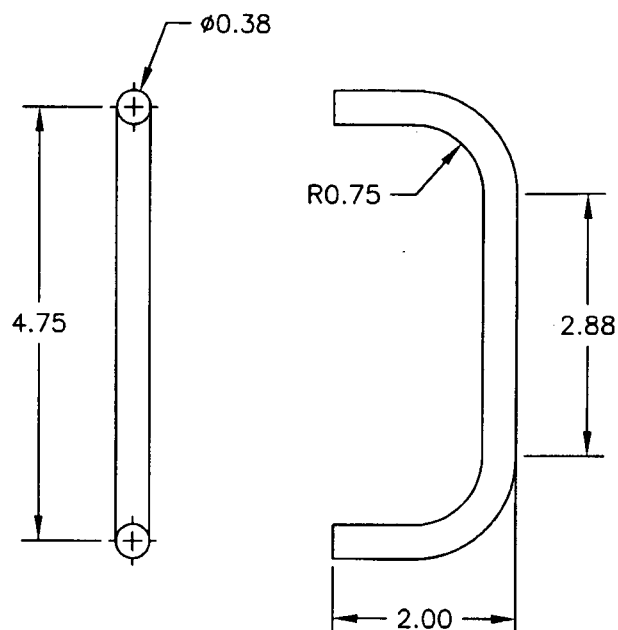


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1 D3330-9 TOP PLATE



2 D3330-15 HANDLE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008, 0.375 STEEL
(REF. DART SPEC. M1010-B0.375x3.500)
- 2) MATERIAL: AISI 1018-1025 ROUND BAR PER MIL-S-7097
(REF. DART SPEC. M1018-R0.375)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

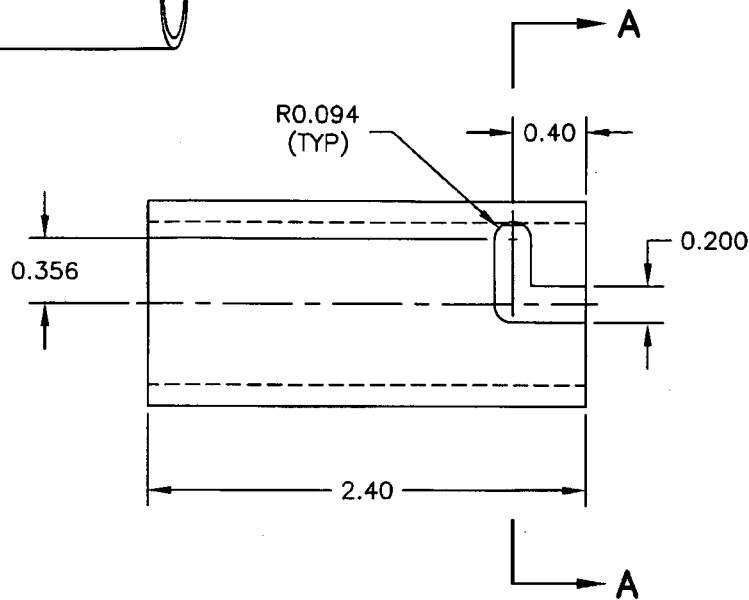
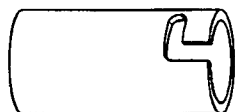
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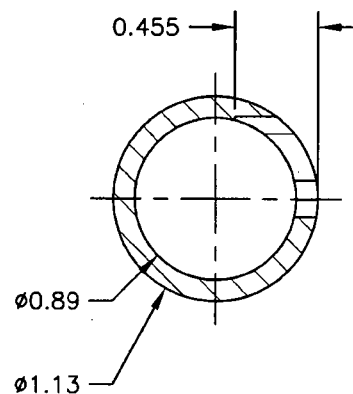
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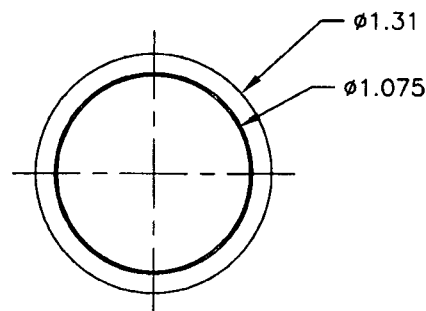
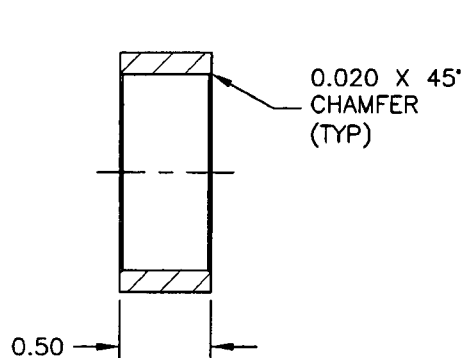


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SECTION A-A

D3330-17 HANDLE SOCKET



D3330-19 HANDLE RIM

NOTES:

- 1) MATERIAL: 1010-1025 ROUND BAR STEEL PER MILL-S-7097 (REF. DART SPEC. M1025TR)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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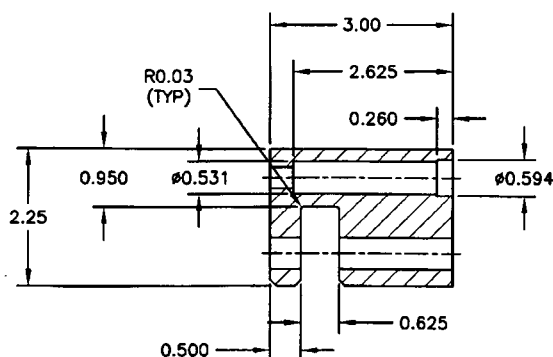
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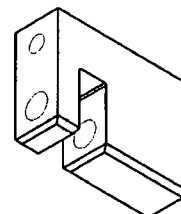
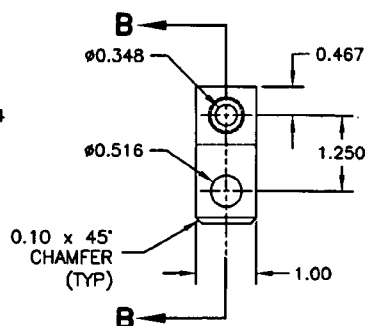


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DATE 07.12.06		TITLE FRAME WELDMENT	SCALE 1:3

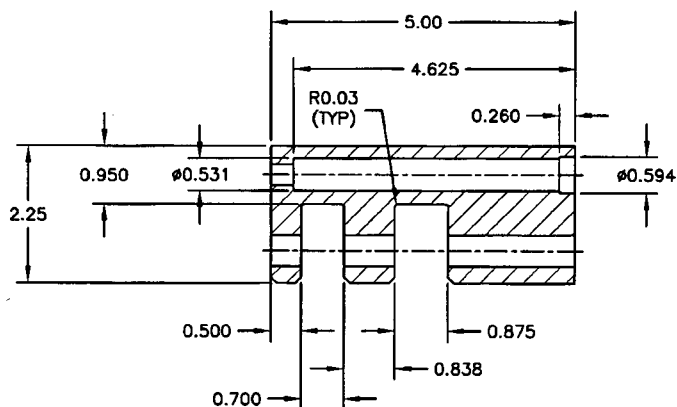
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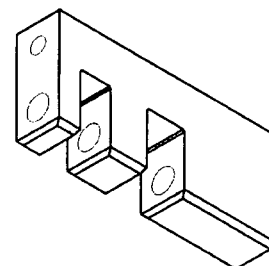
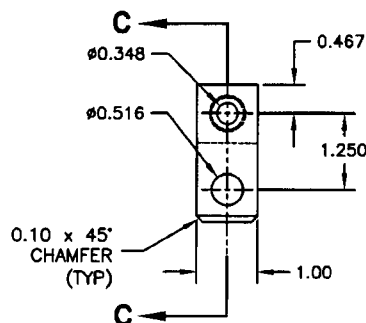
SECTION B-B



D3330-13 SHORT PIN BRACKET



SECTION C-C



D3330-11 LONG PIN BRACKET

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 1.000 (REF. DART SPEC. M1010-B1.000x02.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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